

Rapid development of web solutions



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- Company: Vektor (vektor.se)
- Stockholm, Sweden
- Vertical Market Application: "File it" (SBA)
Customers: Health care; doctors, physiotherapists, psychologists

An example

An **organization**
with members that are **furniture producers**

4 common demands...

1. Inhouse FMP/Go/WD



2. Web - Collecting information

- google forms
- jotform
- typeform
- Fm BetterForms
- etc

3. Web - "My page" – customers can log in

- WD
- fm BetterForms
- others

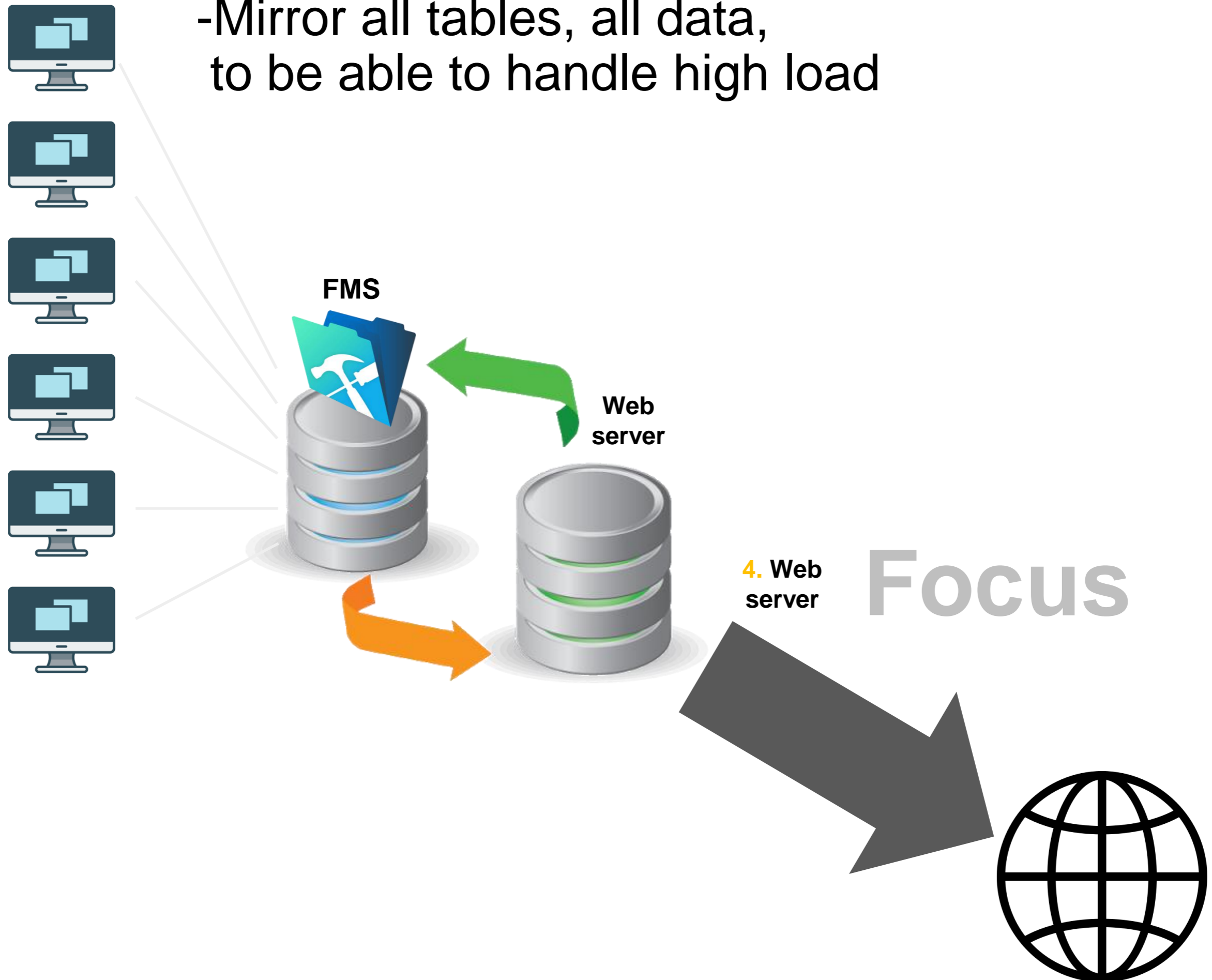
4. Web server

4. Web – 100000 hits

-



Separate web server,
-Mirror all tables, all data,
to be able to handle high load



Complete mirroring

No communication with FMS, when visitors search in the site.
Maintenance, upgrading FMS, will not effect the site.

What is the common demands for a web-site?

- Responsive
- High performance
- Advanced search and filtering

Some examples of demands:

Elastic search

Facet (e.g <https://facetwp.com/demo/cars>)

AjaxSearchPro

Basta online (<https://www.bastaonline.se/?lang=en>)

Champion equipment (fast search as you write with matching record with thumbnails, <https://www.championpowerequipment.com/products/pressure-washers/>)

What platform to choose?

fmBetterforms (<https://www.fmbetterforms.com/>) (Charles D.)

Datatables (js) (like <https://webportalwizard.com/>)

Build in php, MySQL, use FM Data API

WordPress

WordPress (with WooCommerce) API

fmEcommerce Link (WooCommerce Edition) www.databuzz.com.au

BrilliantSync

MirrorSync

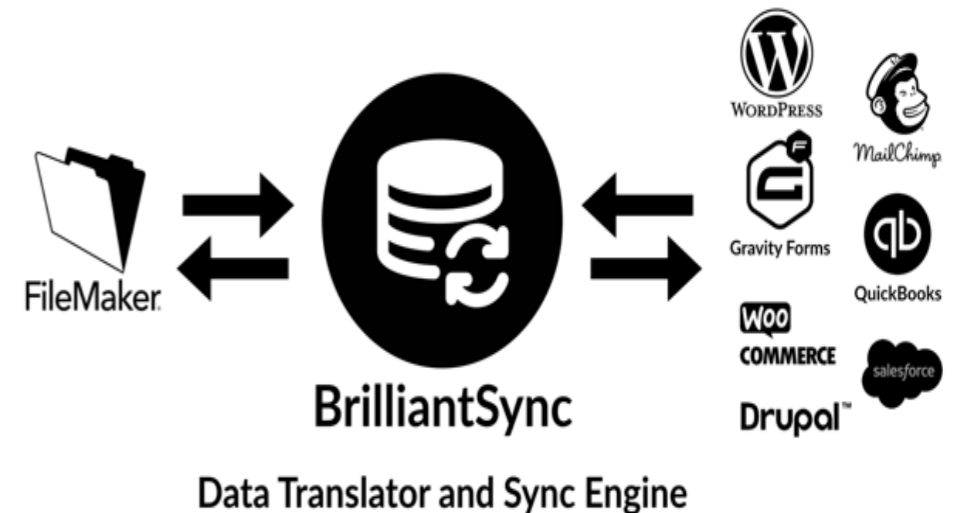
WIX?

Weebly?

Squarespace?

Shopify?

AppDrag...



Dotfmp Berlin 2019: Marc Lamourette (FR) Presentation

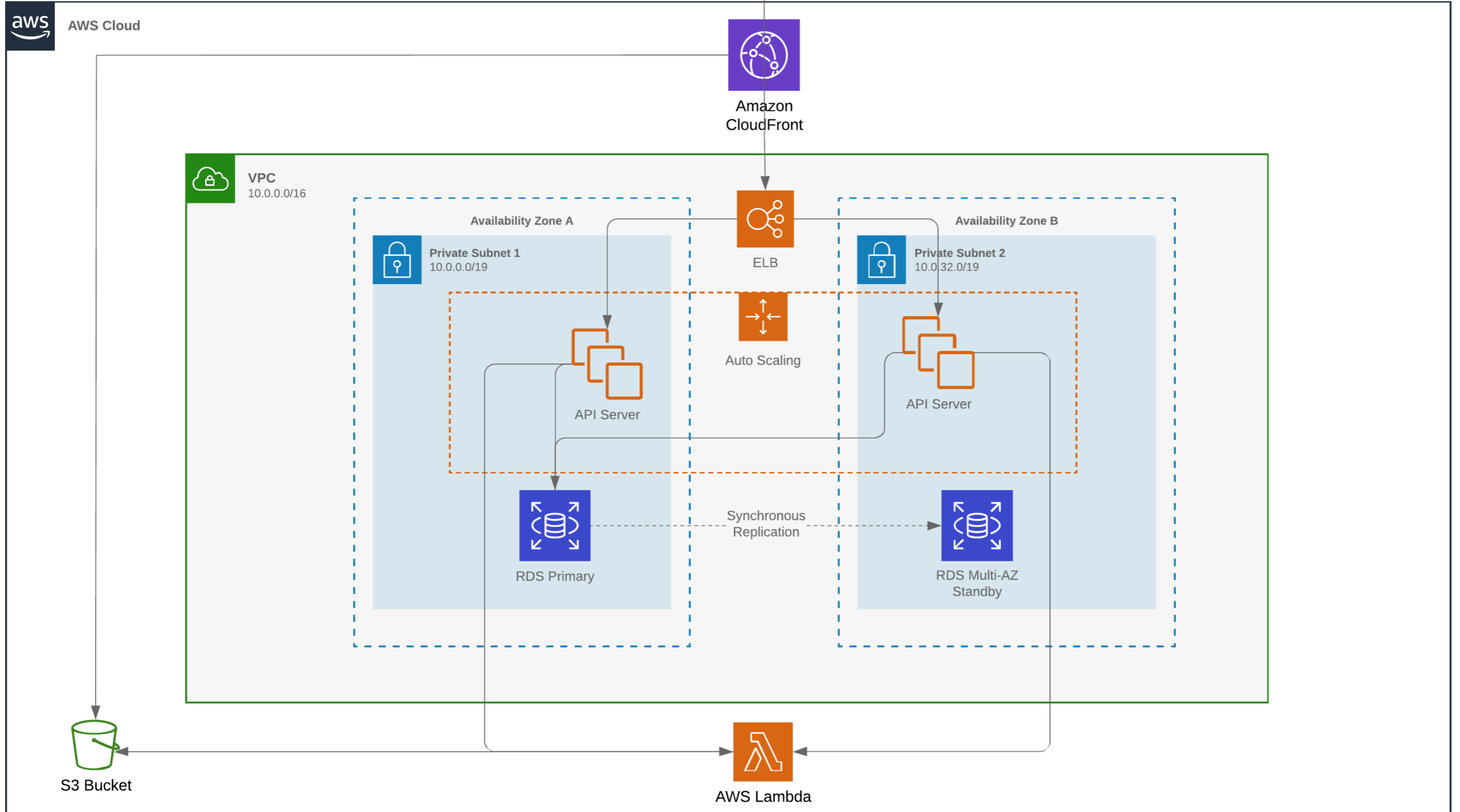
Make your first connection (AppDrag – FMS, Data API):

<https://github.com/AppDrag/appdrag-datasource-filemaker#readme>

Next.. info from AppDrag

APPDRAG PaaS - HA Infrastructure

APPDRAG - Joseph Benguira | 02/04/2019



Traditional CMS

Cloud CMS for individuals

Cloud CMS for web professionals

Main players

WordPress, Joomla, Drupal

Wix, Squarespace, Weebly

Webflow, Dudamobile

AppDrag

Development time/cost



Scalability



Security



Performance



Source code access



Squarespace only



Supports localization



White-label options



Email Marketing



Wix only



Domain names



Cloud Database



Cloud API



Excellent



Good



Average



Poor



Not available



CLOUD BACKEND = CLOUD DB + API BUILDER

Disrupt the developers hierarchy! Allow frontend developers to replace a Full Stack dev (front+back)

Cloud Database

- Scalable up to 64 TB & millions of users
- Zero setup, zero maintenance required
- Create & Edit DB Tables visually
- Import/Export content from/to CSV or standard MySQL format

API Builder

- Scalable up to millions of API calls per minute
- **VISUAL SQL**: build queries without SQL knowledge required
- **Raw SQL** Queries for advanced use cases
- **Native functions** in your favorite language: Node.js, Python, Java, C#, PHP, Perl, Go
- Auto generated REST API with documentation + samples



call chain

Mirrors all tables, all data

CRUD



FileMaker



AppDrag



FMS

Id X

updateProductByid



updateProductByid - FM Data API



Result OK



Response - Data



deleteProductByid



Result OK



Don't use yet

C
U

D

R

demo

AppDrag, API, DB, PageBuilder

Summary

We all want to run fast, develop rapidly and get results in no time.

Responsive and high performant web hasn't been as easy as FM.

AppDrag is an interesting alternative. Another tool in my toolbox. (And it's cheap.)

The feeling working in AppDrag is a little bit like FM:

FileMaker AppDrag
Define fields – Cloud Backend, Cloud DB
Layout mode – PageBuilder
Script workspace – Cloud Backend API
Browse mode – Preview or publish

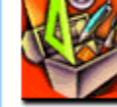
100% Web interface when developing. (Will we see that for fm in the short future?)

-> time travel

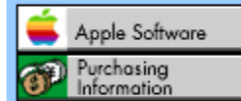
Travel back in time...

- JavaScript
- Data API
- WD - Web Direct
- CWP – Custom Web Publishing
- IWP – Instant Web Publishing
- WC – Web Companion (1997)

Travel back in time...




































Products



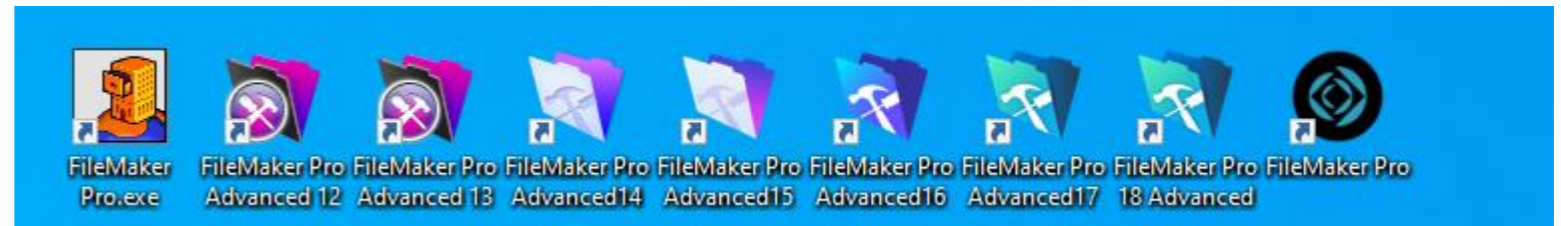
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(Mac OS, Power Mac, Windows 3.1, 95 and NT)
Develop and distribute runtime FileMaker

Travel back in time...





Demo:

Filemaker 4 (runs fine on my Win 10 machine) as webserver with WebCompanion

| Database: produkt lager.fp3 | | | | | | | | | | | | | |
|-------------------------------|------------|--------------|--------------|-----------|--------------------------|----------|------|--------------|---|-------------|----------------|------------|-------------------|
| Viewing record range 1-2 of 2 | | | | | | | | | | | | | |
| | Produkt ID | Skapad datum | Ändrad datum | Benämning | Beskrivning | Kategori | Pris | Grossistpris | Bild | Info | Skapad av | Lagersaldo | Beställningspunkt |
| 1 | 1004 | 2020-06-04 | 2020-06-04 | Sofa 800 | Sofa for the cosy corner | Sofa | 9000 | 1000 |  | Description | Henrik Riccius | 44 | 50 |

Show record range: 1-2
Total records: 6
Unsorted

New record...
Find all